

organic foaming agents from a mixture of ingredients including a water-based foaming agent, at least one polyol, and at least one isocyanate compound;

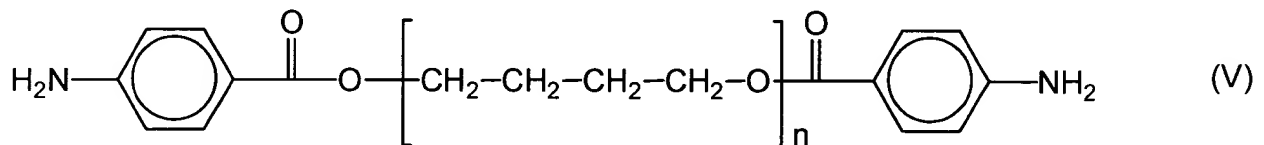
wherein said mixture of ingredients does not include carbodiimide catalysts containing phospholene oxide and heterocyclic nitrogen containing polyols containing at least two beta-hydroxy terminated carbamate groups; and

wherein said polyurethane foam has an adhesion strength to a supporting substrate, measured according to standards EN 1607, equal to or higher than 0.7 kg/cm<sup>2</sup>.

5. (Amended) The polyurethane foam according to claim 1, wherein said mixture of ingredients comprises per 100 parts by weight thereof:

- from 10 to 25 parts of at least one polyester polyol having a minimum functionality equal to 2 and a hydroxyl number of from 250 to 600;
- from 50 to 65 parts of at least one isocyanate compound;
- from 1 to 2 parts of a water-based foaming agent; and
- from 0.3 to 2 parts of a suitable surfactant adapted to allow the mutual miscibility between said at least one polyol and said at least one isocyanate compound.

6. (Amended) The polyurethane foam according to claims 1 or 5, wherein said mixture of ingredients further comprises 0.1 to 4 parts by weight of a polyamine having the formula



wherein n is an integer of from 1 to 20.

7. (Amended) The polyurethane foam according to claims 1 or 5, wherein said mixture of ingredients further comprises from 3 to 20 parts of at least one polyether polyol having a minimum functionality equal to 2 and a hydroxyl number of from 150 to 550.

8. (Amended) The polyurethane foam according to claims 1 or 5, wherein said mixture of ingredients further comprises from 5 to 10 parts of at least one halogenated or phosphorated polyol having a minimum functionality equal to 2 and a hydroxyl number of from 240 to 300.

9. (Amended) The polyurethane foam according to claims 1 or 5, wherein said mixture of ingredients further comprises from 4 to 10 parts of a suitable flame retardant agent.

10. (Amended) The polyurethane foam according to claims 1 or 5, wherein said mixture of ingredients further comprises from 0 to 3 parts of a catalyst selected from the group consisting of: foaming, polymerization, and trimerization catalysts.

### REMARKS

#### I. Status of the claims

Claims 1-27 are pending in this application. Applicant affirms the election of claims 1-15, made without traverse on July 3, 2002, and acknowledges that claims 16-27 are withdrawn from further consideration by the Examiner.

Without prejudice or disclaimer, claims 1 and 5-10 have been amended to more particularly point out and distinctly define the claimed invention. Specifically, claim 1 has been amended to identify the mixture of ingredients that are required for obtaining

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